Lcdmod Kit

C0P12XXA-S1

Perspex mini-itx case

with 120W power supply & XXW power adapter

(Designed for Intel® Atom™ Processor)

User Manual

Website: http://www.lcdmodkit.com

Rev: 1.01 Dec 2010

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Chapter 1 Introduction

1.1 Package Contents

1.1.1 Parts

1.1.2 120W low profile power adapter (suitable for both 20 & 24 pins ATX power)

1.1.3 Power adapter

Input: 100-240V 2A 50-60Hz
Output: C0P12XXA-S1
XX = 60, 60W / 12V / 5A
XX = 72, 72W / 12V / 6A
XX = 80, 80W/ 12V / 6.67A
XX = 84, 84W / 12V/ 7A
XX = 96, 94W / 12V / 8A
XX = 12, 120W / 12V / 10A
XX = 15, 150W / 12V / 12.5A

1.2 Specifiaction

Case	
Case Color	No color crystal clear (Acrylic)
Corner Stand	56mm height Silver White (Surface treated sandblasted aluminium)
Foot Stand	M5 Screw (Aluminium , 4.5mm height)
Dimensions	185 x 181 x 62mm (WxLxH, box height only, not included the height of food stand)
HDD Bays	[2x] 2.5" HDD (under the motherboard)
Foam Factor	mini itx
Internal Height	Total 56mm (15 - 17mm under main board, 1.5mm main board, 39.5 – 37.5mm above main board)

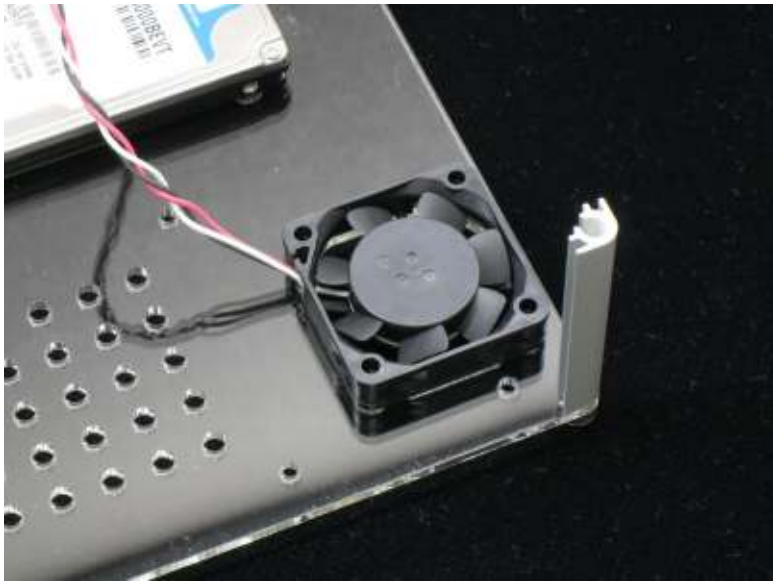
Chapter 2 Hardware Setup

2.1 Installing hard disk to the bottom crystal clear plate
2.1.1 Place red fiber liners on mounting holes of hard disk

2.1.2 Place bottom crystal clear plate on the top of hard disk and install screws
(If you only use one hard drive, please cover the exhausted holes of the another drive bay)

2.2 Installing corner stands to the bottom crystal clear plate

2.3 Exhausted fan installation



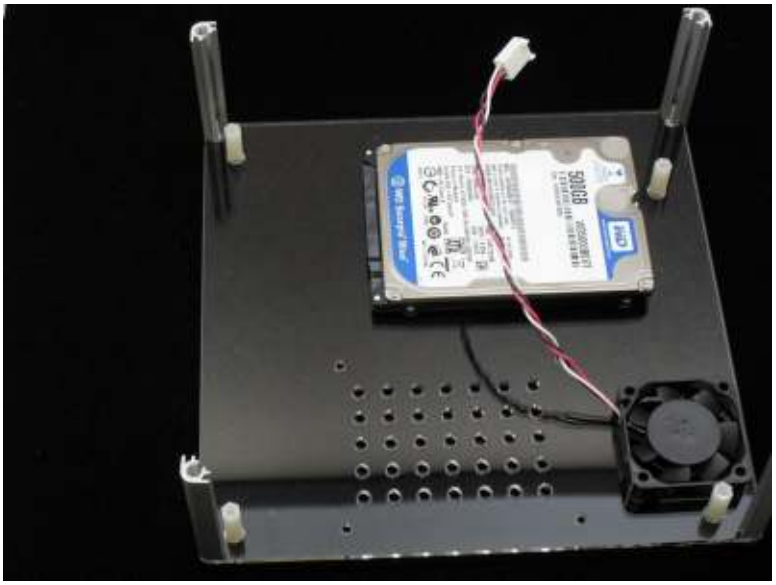
Please remind the arrows sign which marked on the fan, the air flow arrow point to outward.

2.4 Installing nylon studs on the bottom crystal clear plate

No use of red fiber liner, studs height is 15mm.

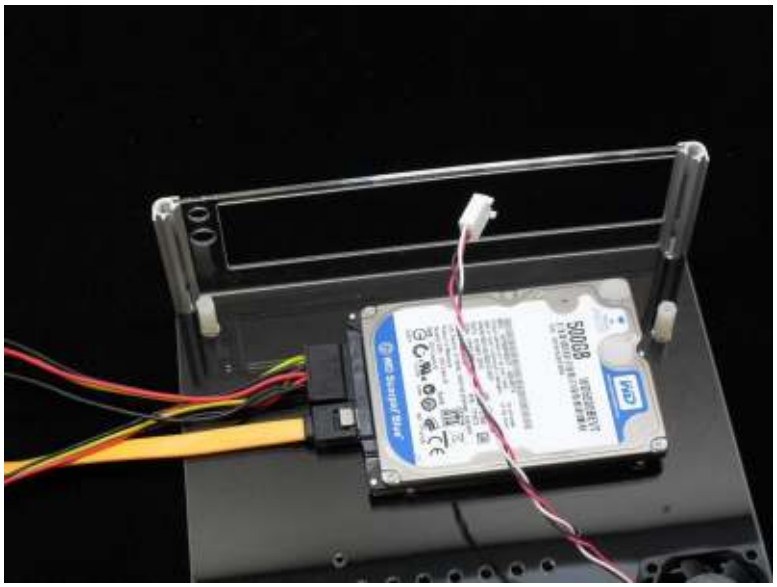
Use 4 pieces 1 mm thickness red fiber liner can adjust studs height to 16mm.

Use 8 pieces 1mm thickness red fiber liner can adjust studs height to 17mm.



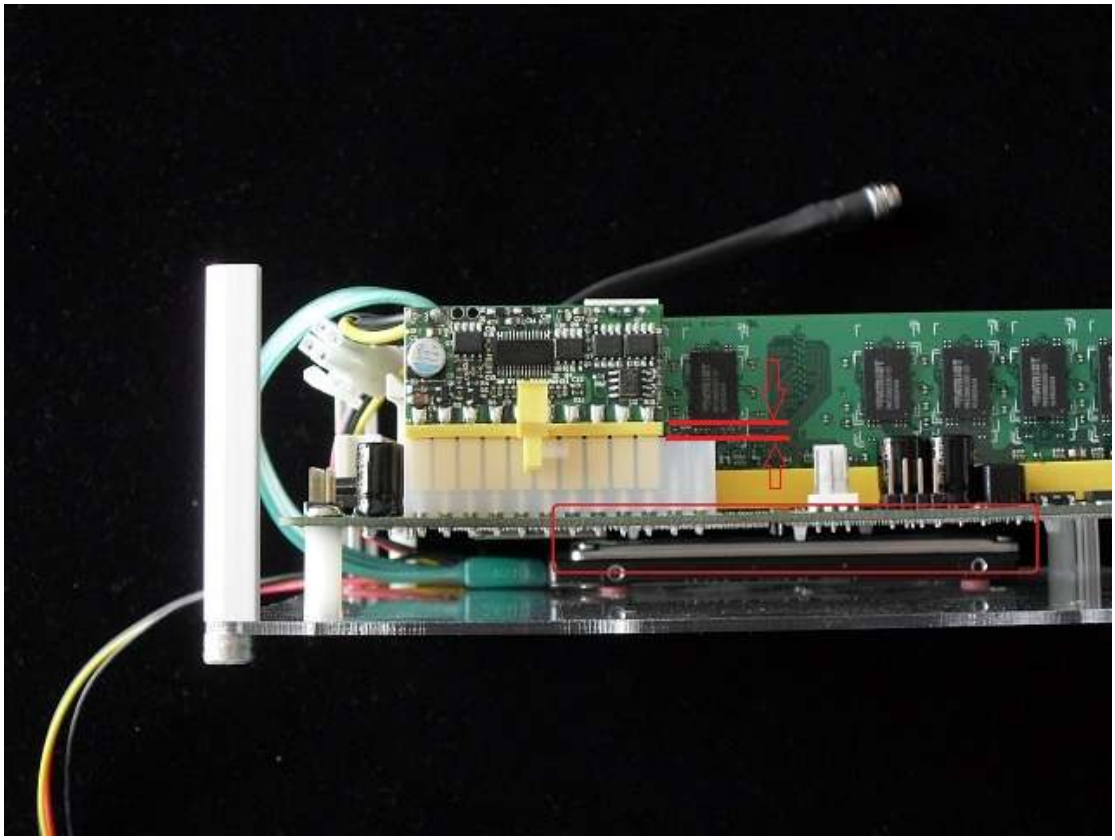
2.5 Connecting SATA data and power cables

2.6 Insert the rear crystal clear plate.

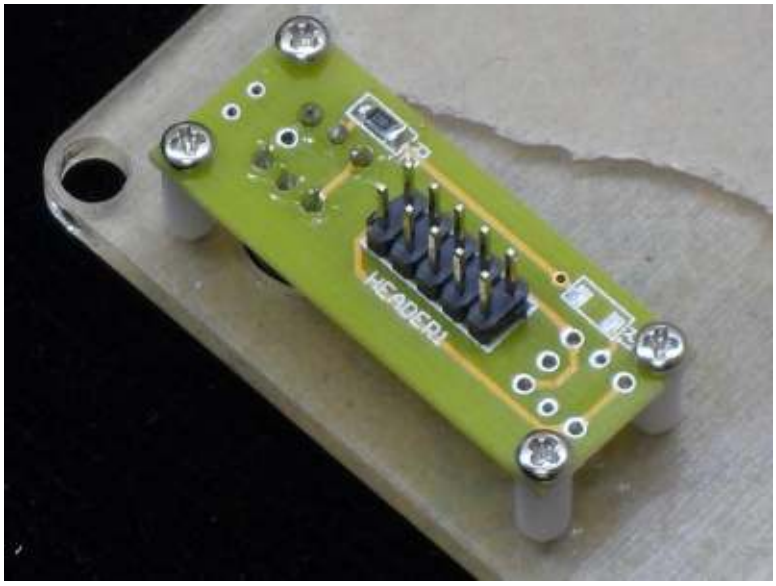


2.7 Installing Mainboard and power cable and Wifi connector (if you have)

Make sure no contact between motherboard and harddisk. Use low profile type power supply.



2.8 Install the power button module (Rotate the screw lightly and mare sure the button can be pressed and released freely)



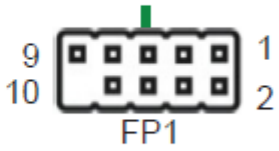
2.9 Installing front/right side/ crystal clear plat

2.10 Connecting ON/OFF switch cable (we provide one short and one long cable, please choose the suitable one for your mainbaoard)

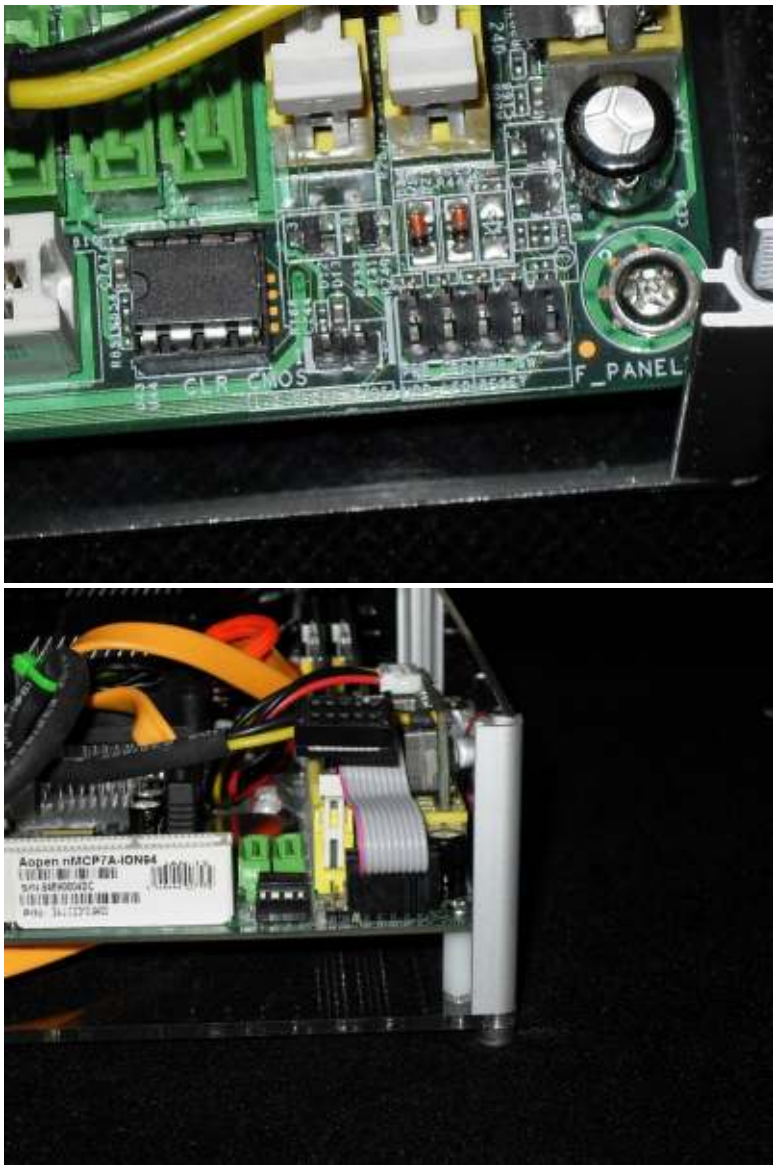
2.10.1 Main board side

FP1-Pin Definition

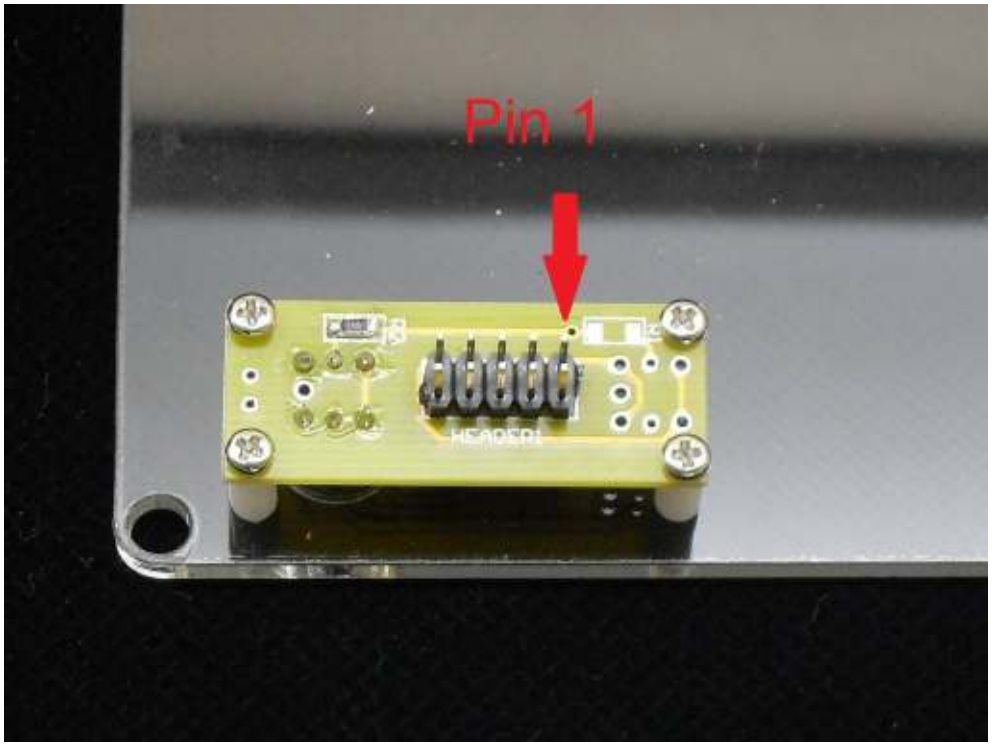
Pin	Signal	Pin	Signal
1	HDD_LED+	6	PWR_SW
2	PW_LED+	7	RESET
3	HDD_LED-	8	GND
4	PW_LED-	9	NC
5	GND	10	KEY

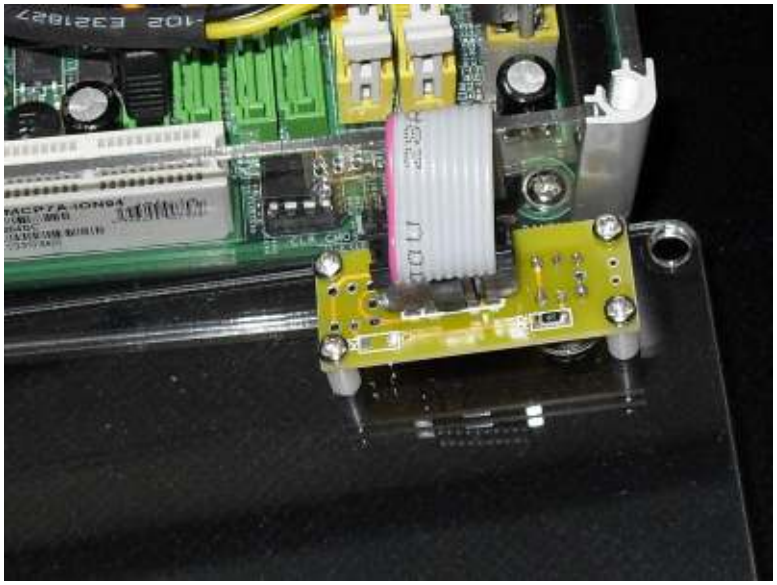


(Important! Red color of cable is pin 1)



2.10.2 Switches and indicators side


Pin 1



2.11 Installing the top crystal clear plate